

direction and between about 4 and about 7 mm in the vertical direction. The frame may be ring shaped as shown, having integral support strands extending therefrom. An interior channel 74 receives the edges of the lens member. The sides of the frame are preferably thin or flattened relative to the thickness of the lens as shown. A suitable frame material is that previously disclosed, while the lens may be a conventional optical lens material such as polymethylmethacrylate or glass, although more highly refractive materials may also be used. Where conventional lens material is used, the thickness will normally be between about 1.5 and 2.5 mm. When the lens is to be inserted, the relatively flat and flexible frame sides are simply temporarily folded to overlap the lens member in a manner as previously described.

I claim:

1. An intraocular lens comprising an optical lens body having an anterior and a posterior surface and comprising a plurality of lens segments, and a thin sheet of flexible optical material secured to a single surface of said lens body and overlying and secured to each of said segments and wherein said sheet of optical material

does not extend substantially beyond the peripheral edge of said lens body.

2. The lens of claim 1 wherein the optical sheet material comprises a silicone polymer.

3. The lens of claim 1 wherein said sheet of optical material is secured to the posterior surface of said lens body.

4. The lens of claim 1 wherein the lens body comprises an optical material having an index of refraction greater than about 1.5.

5. The lens of claim 4 wherein said lens body material is selected from the group consisting of polysulfone and glass.

6. The lens of claim 3 wherein said lens body is convex shaped and comprises three segments, the center segment having a maximum thickness no greater than about 1.0 mm.

7. The lens of claim 6 wherein the lens body comprises an optical material having an index of refraction greater than about 1.5.

8. The lens of claim 7 wherein said lens body material is selected from the group consisting of polysulfone and glass.

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